

Searching PAJ

PATENT ABSTRACTS OF JAPAN

Ref. Vol 3

(11)Publication number : 05-240823

(43)Date of publication of application : 21.09.1993

(51)Int.Cl.

G01N 27/12

BEST AVAILABLE COPY

(21)Application number : 04-076136

(71)Applicant : RIKEN CORP

(22)Date of filing : 27.02.1992

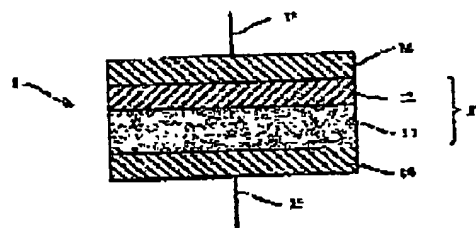
(72)Inventor : KUNIMOTO AKIRA
ONO TAKASHI

(54) HUMIDITY-SENSITIVE FILM AND HUMIDITY SENSOR ELEMENT

(57)Abstract:

PURPOSE: To obtain a thin humidity sensitive film which is used for a moisture sensor element which can detect humidity at a wide temperature range, especially at a high temperature of 200°C or higher.

CONSTITUTION: The title film is a humidity sensitive film 13 which is formed by laminating a first thin-film layer 12 which mainly consists of at least one type of an oxide of alkali earth metal element and a second thin-film layer 11 which mainly consists of alkali earth metal element, alkali metal element, and a metal oxide other than precious metal elements and whose resistance of lamination film changes according to humidity at a high temperature of 200°C or higher constantly.



LEGAL STATUS

[Date of request for examination] 12.10.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3076443

[Date of registration] 09.06.2000

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right] 09.06.2003